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Thousands of people now leading spirts in the business life of greater Richmond made their first start by opening a Savings Account in The Union Bank of Richmond, the Oldest--Strongest--Safest Savings Bank in the South.

Without such a start in such a sound banking institution, Richmond's sky line might not be so high. Certainly those individual depositors would be less wealthy.

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Wants to help 100,000 other young men and women to become leaders in the business world by assisting them in saving money.

We want you to write for free and interesting Booklet, "Banking by Mail."
ESPECIAL ATTENTION TO FARMERS' ACCOUNTS

3%---INTEREST, COMPOUNDED TWICE A YEAR---3%

Capital	\$ 219,750.00
Surplus	600,000.00
Assets, over	2,000,000.00

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GREAT INDUSTRY IS MAP-MAKING

United States Geological Survey
Printing Costs Mints of
Money Every Year.

The greatest official map-making establishment in the country at present is the United States Geological Survey. In constructing the huge topographic and geologic maps of the United States every detail of the work is done by the survey, from the work of the topographers, who make the maps in the field, down through the various stages of drafting, lettering, editing, engraving and lithographic printing in many colored inks.

Every year with the coming of the open field season numerous survey parties hurry away from the Washington office to the four quarters of the United States, as well as to Alaska, and the result of their season's work

is the topographic and geologic mapping of tens of thousands of square miles of all sorts of country ranging from the most forbidding swamps and morasses to the loftiest of the glacier-covered mountains of the Rockies and the high Sierra, and including the most valuable mineral deposits of the nation. While these parties are thus traversing untrodden fields, the survey engraving and printing plant throughout the summer, as in fact through all the year, is turning out hundreds of thousands of copies of the results of the previous year's field work.

In a single midsummer month this year the survey plant printed 102,404 topographic maps, 5,345 geologic folios, each containing many maps, and 111,170 copies of other geologic maps and charts. Besides its own maps a great number of maps are also printed by the survey engraving division for other branches and departments of the government. Stephen J. Gubel, chief engraver, has run this extensive engraving and printing plant under the director of the geological survey for the past 22 years.

Most of the maps are printed in colors, and for the total number of 213,919 maps and charts printed during a month the number of separate printings or impressions was 1,287,000. The geologic map of North America which is now being printed in four sheets, shows 42 different color and pattern

distinctions. Each sheet requires 20 separate printings and the 12,700 copies of the southwest sheet of this map printed during the month necessitated 274,000 printings. The total edition of 12,700 copies of the complete map has required 1,096,000 printings.

GOOD ROADS AND MORALITY.

A Churchman's Sound Views on a Very Live Subject.

At the National Good Roads Congress, Bishop Fallows said:

"Good roads are closely allied to religion. Good roads in the country districts would not only increase the church attendance, but would improve the general moral tone of the community. It is a work that is worthy of the assistance of all the churches in the country."

That is good gospel, as is also the bishop's argument that a man's ideas and purposes are always bettered by fair surroundings. Order, neatness, usefulness constitute a sort of high plane of thinking. Given the character of the material conditions of a community and you can almost tell how it will vote or in what numbers it will go to church. A dirty gutter is an obscene story. A deep mudhole in a country road is a nest of profanity. A miserable oil broken-down hopped nearby is a scandal in the neighborhood. A man's thoughts are largely what his surroundings make them. If they are ragged, filthy and disordered, so is his thinking.

So, making good roads, parks, sidewalks, gutters, the tone of public sentiment is elevated, and it can then be counted upon to support the true progress of a community. A bad outlook puts a man down like a bad companionship.

PAPER HIGHWAYS VERY NOVEL IDEA

Man Who Seriously Proposes to
Use Paper in Good Roads
Building.

Here is a new idea that may be worth considering, and if there is anything in it or ever will be there will be big openings for a new industry; in fact, several of them.

A man by the name of Mahlon Gore, from somewhere down in Florida, has written a letter to the newspapers in which he proposes to build highways of paper, and really there is something worth thinking about in his industrial proposition. Mr. Gore writes:

The uses of paper pulp are many and varied. Newspapers have no monopoly of the material. Old newspapers have been converted into novel and very serviceable walking sticks. We take paper plates and napkins to picnics and fish fries; paper drinking cups are coming into use; every bookbinder knows the value of tar boards, and contractors and builders know of paper boards for wainscoting and ceiling, while street hoodlums and rioters are liable to get their heads cracked with a paper club in the hands of a policeman. The most serviceable car wheel made is of paper. In all these various uses paper has been tried and not found wanting.

The whole country is waking up and taking notice of the problem of good roads and the material to be used in their construction. In some sections suitable material in abundance can be had for the taking. But in that portion of our common country lying south of the mountain ranges there is very little rock, and that of poor quality for the purpose. But this lower section has a larger percentage of pulp material than any other.

In my desk as I write I have a sample of pulp made from Florida "lightwood" stumps. It is a by-product after the turpentine and oil had been extracted from the wood at a profit, so that the pulp cost nothing. No one can compute the quantity of pine fibre going to waste annually in this Southern section. Wood is being burned on the ground in the woods, at mills in sawdust and slab piles, and in various other ways. This waste is enormous. If it could be utilized it would cover every road in the South six inches deep.

If converted into pulp, and there were added to the mass enough Florida sand to prevent slipping and skidding, giving it the necessary holding surface, then otherwise prepared as for car wheels and molded and pressed into flagstones of such size and shape as experience may demonstrate as best, is it not possible that a paper road might prove the best ever?

Will capital answer my question in a practical way?

E. A. BARBER, JR.

Certified Public Accountant.

E. A. BARBER & CO.

ACCOUNTING, AUDITING,
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MAN TAKES UP COOKERY.

The New York Times tells us that registration officers of the Teachers' College of Columbia University gasped the other day when it became known that John B. Leeds, a master of arts and a candidate for the doctor of philosophy degree at Columbia, was offering himself for a course of study in the domestic arts department. A hurried consultation was held, with the outcome that Mr. Leeds was smilingly admitted, while the 200 girl students in the department sent up a chorus of "ohs" and "ahs."

Mr. Leeds is the first man ever entered in the household arts department, now several years old, at Teachers' College. He and his scores of girl classmates are to be taught how to care for babies, how clothes may be laundered after the most scientific and sanitary methods, and how dressmaking and cooking can be elevated from the grade of necessary evils to the realm of the fine arts.

Whether he aspires to be head master in a day nursery, or a ladies' tailor, or has discovered that the way to be the "true master of the house" lies through the kitchen, could not be learned at the college yesterday. He duly matriculated in the hitherto strictly girls' department and quickly departed, with batteries of bright, inquisitive eyes turned on him.

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CAPITAL \$1,200,000.

STOCKHOLDERS' LIABILITY \$1,200,000.

SURPLUS \$600,000.

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ACCOUNTS SOLICITED.

3% Interest Paid in Savings Department